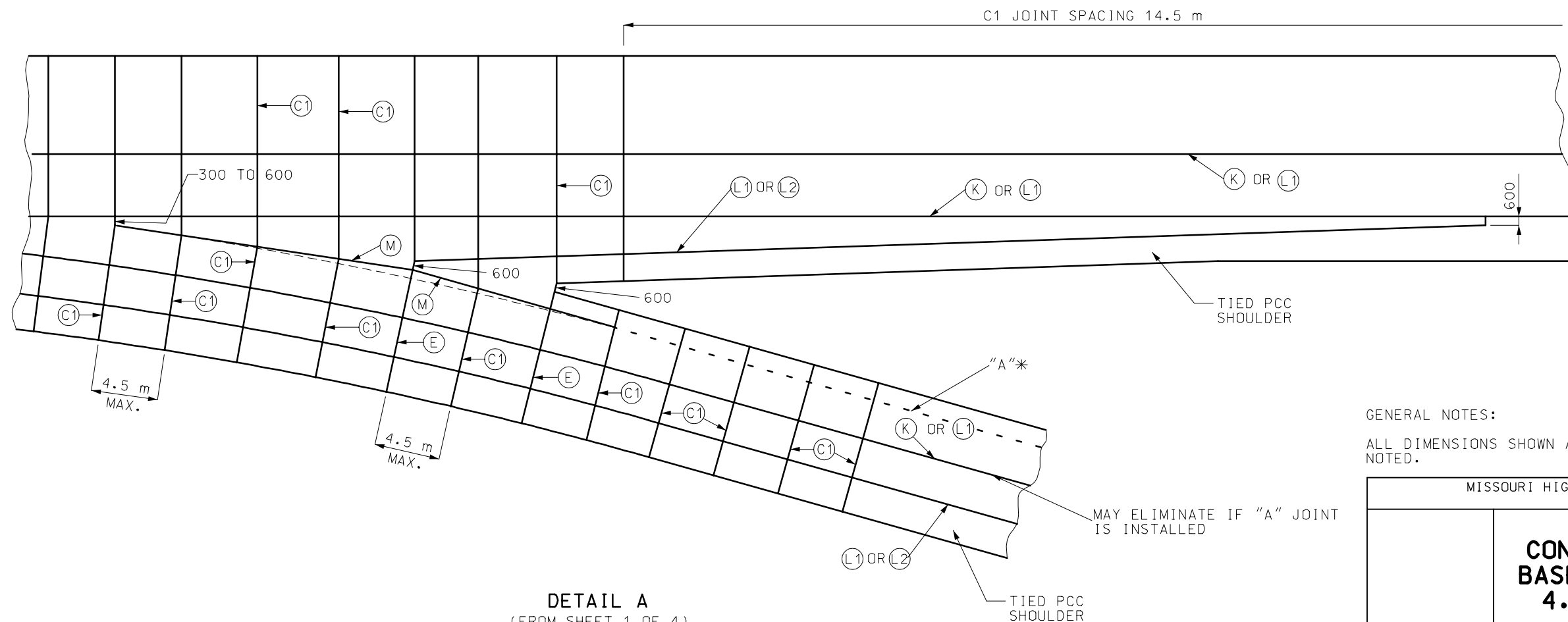


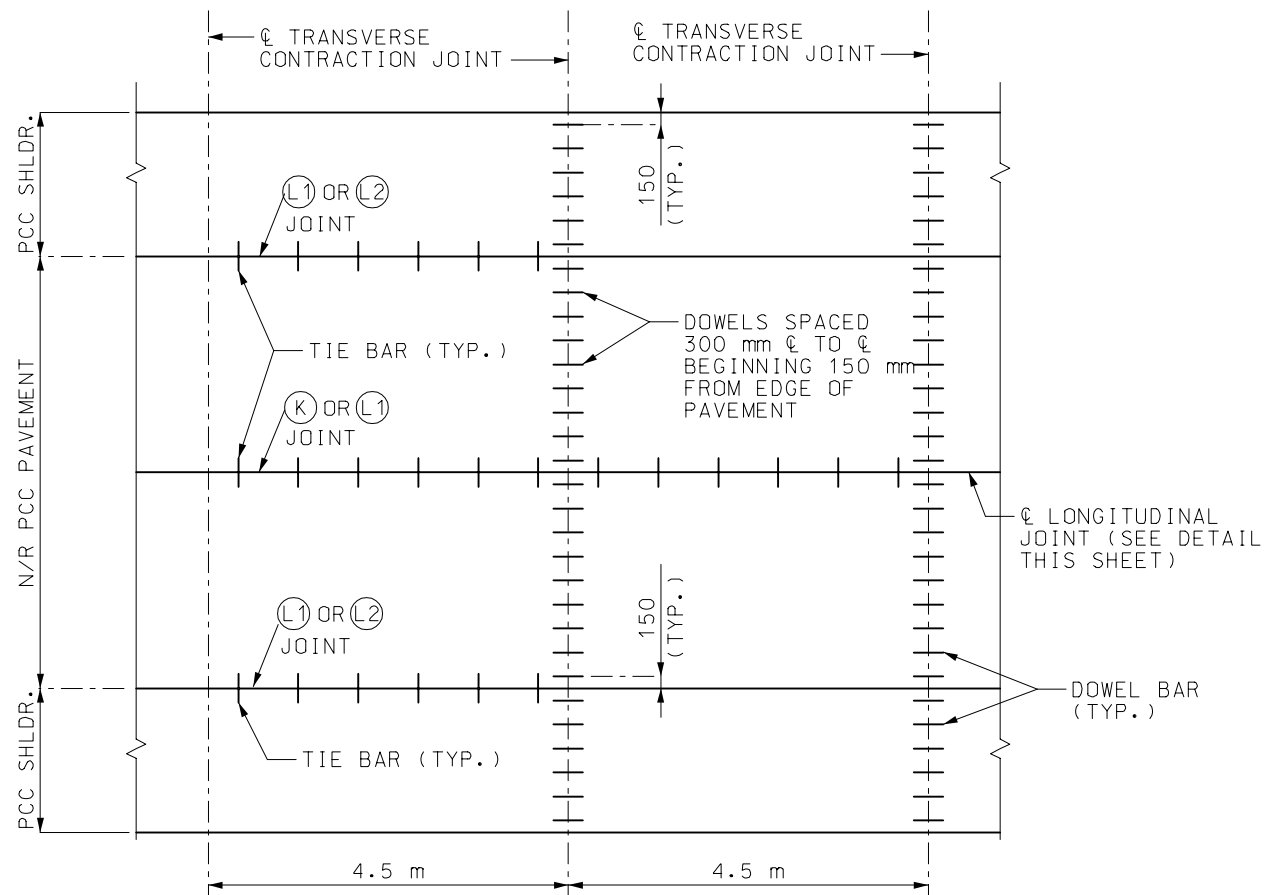
DETAIL B
(FROM SHEET 1 OF 4)



DETAIL A
(FROM SHEET 1 OF 4)

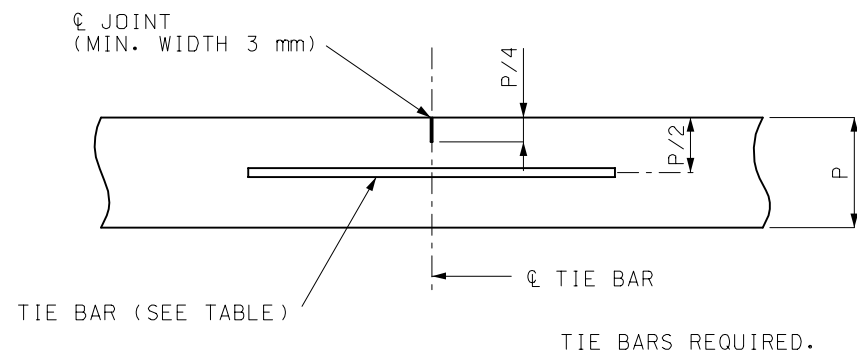
GENERAL NOTES:
ALL DIMENSIONS SHOWN ARE IN mm UNLESS OTHERWISE NOTED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION			
CONCRETE PAVEMENT AND BASE APPURTENANCES FOR 4.5 m JOINT SPACING			
DATE: _____	EFFECTIVE: 07-01-2004	M502.05F	2/4



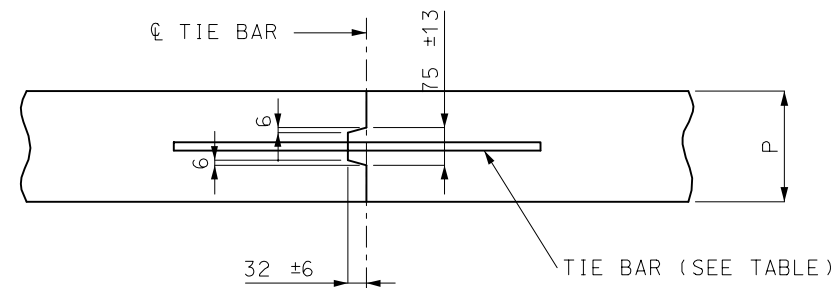
JOINT PLAN AND SPACING FOR CONTRACTION JOINTS (1)

(1) JOINT NOT REQUIRED AT INSIDE SHOULDER ON DIVIDED HIGHWAYS OR AT INSIDE SHOULDER OF RAMPS.



LONGITUDINAL JOINT (L1)

TIE BAR TABLE				
PCCP THICKNESS (P)	DOWEL SIZE (mm)	TIE BAR SIZE (mm)	DOWEL SPACING	TIE BAR SPACING
≤ 250 mm	32 x 450	16M x 750	300 mm CTRS.	750 mm CTRS.
> 250 mm	38 x 450	19M x 1000	300 mm CTRS.	750 mm CTRS.



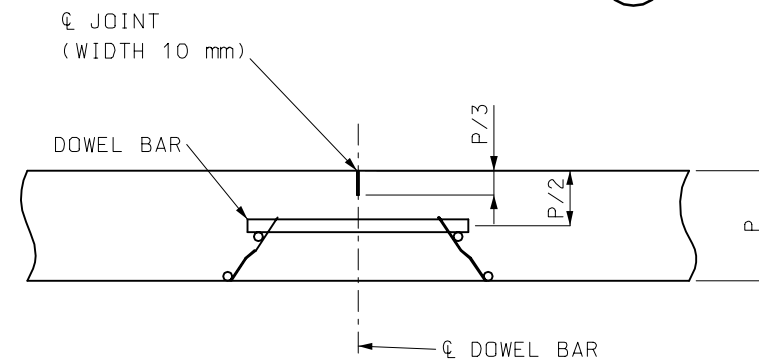
IF METAL IS USED TO FORM KEY DISCONTINUE STRIP FOR DISTANCE OF APPROXIMATELY 75 mm EACH SIDE OF TRANSVERSE JOINT.

TYPE (K) REQUIRES TIE BAR.

TYPE (M) CONSTRUCTED WITHOUT TIE BARS.

(K) AND (M) JOINTS SHALL NOT BE SAWED.

TONGUE AND GROOVE JOINTS (K) AND (M)

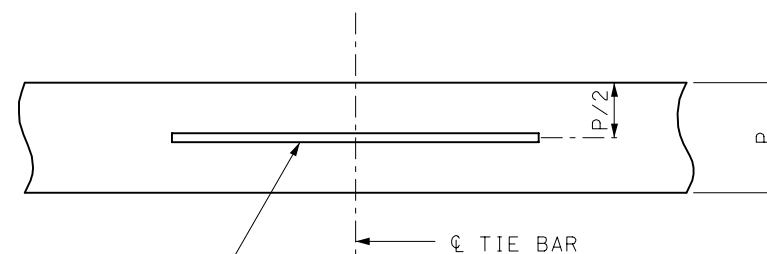


DOWELS REQUIRED. FOR PERMISSIBLE TYPES OF DOWELS SUPPORTING UNITS, SEE OTHER DRAWINGS.

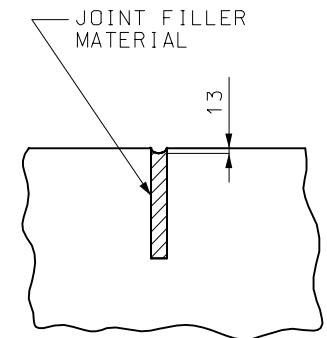
TRANSVERSE CONTRACTION JOINTS FOR CONCRETE PAVEMENT OR BASE WIDENING SHALL MATCH EXISTING JOINTS.

TRANSVERSE CONTRACTION JOINT (C1) (2)

(2) DOWEL BARS ARE REQUIRED FOR ALL PAVEMENTS HAVING THE SAME THICKNESS AS THE TRAVELED WAY.



LONGITUDINAL CONSTRUCTION JOINT FOR NEW CONSTRUCTION (L2)



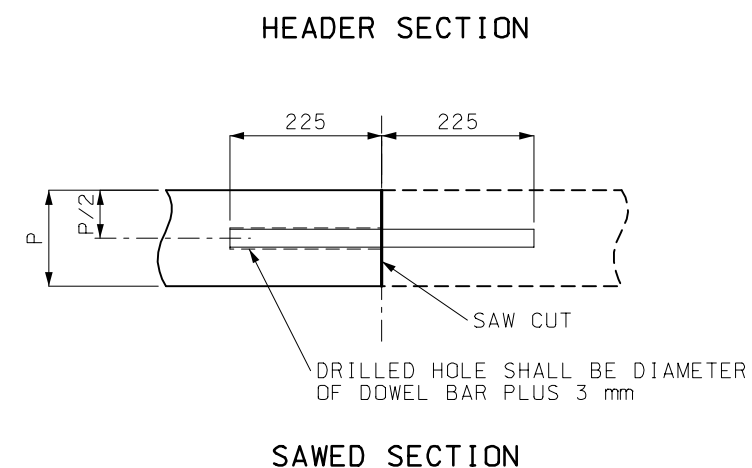
JOINT FILLER DETAIL

GENERAL NOTES:

ALL DIMENSIONS SHOWN ARE IN mm UNLESS OTHERWISE NOTED.

THE FINAL POSITION OF ALL DOWELS AND TIE BARS SHALL BE PERPENDICULAR TO THE PLANE OF THE JOINT AND PARALLEL TO THE SURFACE OF THE PAVEMENT AND PARALLEL TO EACH OTHER.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION			
		CONCRETE PAVEMENT AND BASE APPURTENANCES FOR 4.5 m JOINT SPACING	
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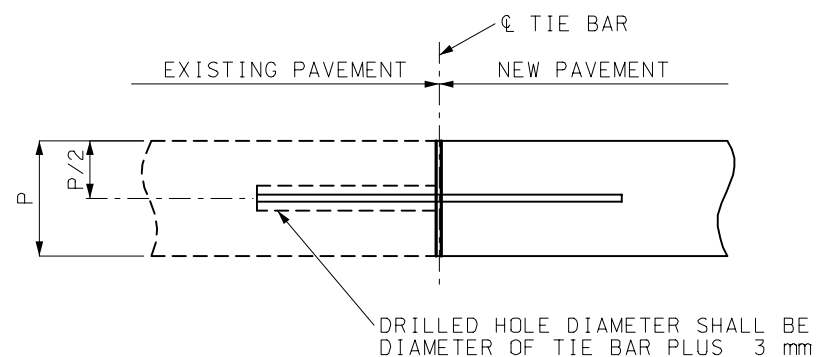


THE PORTION OF THE DOWEL OUTSIDE THE HOLE SHALL
BE COATED WITH AN APPROVED LUBRICANT.

CONSTRUCTION JOINT (C)



EXPANSION JOINTS (E)



TIE BAR SIZE AND LENGTH SHALL BE BASED ON THE THICKNESS OF THE THINNER PAVEMENT OR SHOULDER TO BE TIED TOGETHER.

LONGITUDINAL CONSTRUCTION JOINT (EXISTING PAVEMENT)

ALL DIMENSIONS SHOWN ARE IN mm UNLESS OTHERWISE NOTED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION			
	<p>CONCRETE PAVEMENT AND BASE APPURTENANCES FOR 4.5 m JOINT SPACING</p>		
DATE: _____	EFFECTIVE: 07-01-2004	M502.05F	<div>4</div> <div>4</div>